AUTHOR INDEX—VOLUME 81, 1993

Principal author entries are in **boldface**, with coauthor cross-references in standard typeface. Titles of books and journals are in *italics*.

Adebonojo, Leslie G. *see* **Earl, Martha F.**
Afes, Van B.; Wrynn, Paul E.
Biomedical journal title changes: reasons, trends, and impact, 48–53
Aguirre, Anthony *see* **Cimino, James J.**
Arms, Caroline R.
Keyboard Pathology [review], 349–50
Aronson, Alan *see* **McCray, Alexa T.**

Bankowitz, Richard A. *see* **Osheroff, Jerome A.**
Banos, Josep-Eladi *see* **Guardiola, Elena**
Basile, Victor A.; Taylor, Madeline V.
Philip Rosenstein, 1922–1993 [obituary], 469–70
Bastille, Jacqueline D.
Elevating the authority of the health information professional [inaugural address], 117–19
Salaries and professional authority: new jurisdictions [president's page], 80–1
Battistella, Maureen S.
Connections: new ways of working in the networked organization by Lee Sproull and Sara Kiesler [review], 240–1
Bennett, Valerie M.; Dell, Esther Y.
Use of group 3–level memory telefacsimiles for enhanced interlibrary loan, part II: network application, 265–70
Benning, Susan P.; Speer, Susan C.
Incorrect citations: a comparison of library literature with medical literature, 56–8
Benson, Dennis A. *see* **Woodsmall, Rose Marie**
Bickley, Harmon *see* **Donner, Robert S.**
Blazek, Ron *see* **Dee, Cheryl**
Blythe, Jennifer; Royle, Joan A.
Assessing nurses' information needs in the work environment, 433–5
Bradigan, Pamela S. *see* **Mularski, Carol A.**
Brandon, Alfred N.; Hill, Dorothy R.
Selected list of books and journals for the small medical library, 141–68
Brandt, Kerryn A.
The GDB Human Genome Data Base: a source of integrated genetic mapping and disease data, 285–92
Braude, Robert M.
Impact of information technology on the role of health sciences librarians, 408–13
Broering, Naomi C.
Bringing the *Bulletin* to press [editorial], 78–9
Interruption of journal flow [editorial], 237
Browne, Allen C. *see* **McCray, Alexa T.**
Burdick, Amrita J; Butler, Anne; Sullivan, Marilyn G.
Citation patterns in the health sciences: implications for serials/monographic fund allocation, 44–7
Burrows, Suzetta
The community-based database prototype of the Southeast Florida AIDS Information Network, 223–6
Busby, Lorraine *see* **Marshall, Joanne G.**
Butler, Anne *see* **Burdick, Amrita J.**
Byrd, Gary D.
Annual meeting proceedings [ed.], 92–120

Caelleigh, Addeane S.
Journal supplements, libraries, and the FDA [editorial], 237–9
Camille, Damon; Chadha, Sanjay; Lyders, Richard A.
The Houston Academy of Medicine–Texas Medical Center Library management information system, 371–6
Campbell, Frank M. *see* **Seago, Brenda L.**
Chadha, Sanjay *see* **Camille, Damon**
Chatfield, Michele R.
The directory of food and nutrition information, 2d ed. edited by Robyn C. Frank and Holly Berry Irving [review], 342–3
Chiang, Dudee
CD-ROMs in print 1992 [review], 250–1
Cimino, James J.; Aguirre, Anthony; Johnson, Stephen B.; Peng, Ping
Generic queries for meeting clinical information needs, 195–206
Clyman, Jeffrey I.; Powsner, Seth M.; Paton, John A.; Miller, Perry L.
Using a network menu and the UMLS Information Sources Map to facilitate access to online reference materials, 207–16
Coggan, Janet M.
Funding a patient education collection, 435–7
Practical help for new supervisors, 2d ed. edited by Joan Giesecke [review], 243–5
Strategic planning basics for special libraries by Doris Asantewa [review], 243–5
Contini, Janice
LectureTek: the complete source for locating CME meetings [review], 347
Crabtree, Anna Beth
The health care manager's guide to performance appraisal by Charles R. McConnell [review], 341–2
Creth, Sheila D.
The health information environment: a view of organizational and professional needs and priorities, 414–20
Curtis, Karen L.; Weller, Ann C.; Hurd, Julie M.
Information-seeking behavior: a survey of health sciences faculty use of indexes and databases, 383–92

Dahlen, Karen
Qualitative research in information management by Jack D. Glazier and Ronald R. Powell [review], 454
Dee, Cheryl; Blazek, Ron
Information needs of the rural physician: a descriptive study, 259–64
Dell, Esther Y. *see* **Bennett, Valerie M.**
Deurenberg, Rikie
Journal deselection in a medical university library by ranking periodicals based on multiple factors, 316–9
Donner, Robert S.; Bickley, Harmon
Problem-based learning in American medical education: an overview, 294–8
Dorsch, Josephine L.; Landwirth, Trudy K.
Rural GRATEFUL MED outreach: project results, impact, and future needs, 377–82
DuVal, Merlin K.
From the *Bulletin*—25 years ago: the changing role of the library, 28

Earl, Martha F.; Adebonojo, Leslie G.; Fisher, Janet S.
Creating and using a faculty interests database, 66–8
Eldredge, Jonathan D.
A problem-based learning curriculum in transition: the emerging role of the library, 310–15
Accuracy of indexing coverage information as reported by serials sources, 364–70

Fisher, Janet S. *see* **Earl, Martha F.**
Fitzgerald, Dorothy *see* **Marshall, Joanne G.**
FitzSimons, David W.
AIDS literature underestimated [letter], 234
Foster, Eloise C. *see* **Wakeley, Patricia J.**
Frank, Christine
Automated library systems: a librarian's guide and teaching manual by Beverly K. Duval and Linda Main [review], 339–40
Fulton, June H.
Elliott How Morse, 1916–1992 [obituary], 464–9
Funk, Carla J.
Executive director's report, 100–2
Funk, Carla J.; Pierceall, Kimberly S.
MLA headquarters and copyright, 445–7
Funk, Mark E.
Creating user pathways to electronic information: synopsis of the 1991 Faxon Institute annual conference edited by Jane E. Niemi and Jesse Kalfel [review], 85–6

Ginn, David S. *see* **Kuller, Alice B.**
Greene, Catherine J.
Assessment and accountability in reference work edited by Susan Griswold Blandy, Lynne M. Martin, and Mary L. Strife [review], 454–5
Guardiola, Elena; Banos, Josep-Eladi
Presence of abstracts in non-English journals indexed in MEDLINE (1981–1990), 320–2

Harbourt, Anna M. *see* **Kingsland, Lawrence C. III**
Heaton, Gwynneth *see* **Marshall, Joanne G.**
Henry, Barbara J.
Continuous quality improvement in the hospital library, 437–9
Hill, Dorothy R. *see* **Brandon, Alfred N.**
Hodges, T. Mark
Mary Louise Gladish, 1920–1933 [obituary], 354–5
Hole, William T. *see* **Schuyler, Peri L.**
Humphreys, Betsy L.
The Unified Medical Language System: current research and development [symposium editor], 169–222
Humphreys, Betsy L.; Lindberg, Donald A. B.
The UMLS project: making the conceptual connection between users and the information they need, 170–7
Hurd, Julie M. *see* **Curtis, Karen L.**

Jachna, John S.; Powsner, Seth M.; Miller, Perry L.
Augmenting GRATEFUL MED with the UMLS Metathesaurus: an initial evaluation, 20–8
Johnson, Stephen B. *see* **Cimino, James J.**
Jones, Christiane J.
Charting a path for health sciences librarians in an integrated information environment, 421–4
Jones, Daniel H.
Vendor evaluation and acquisitions budgets edited by Sul H. Lee [review], 453–4

AUTHOR INDEX—VOLUME 81, 1993

Principal author entries are in **boldface**, with coauthor cross-references in standard typeface. Titles of books and journals are in *italics*.

Adebonojo, Leslie G. *see* **Earl, Martha F.**
Afes, Van B.; Wrynn, Paul E.
Biomedical journal title changes: reasons, trends, and impact, 48–53
Aguirre, Anthony *see* **Cimino, James J.**
Arms, Caroline R.
Keyboard Pathology [review], 349–50
Aronson, Alan *see* **McCray, Alexa T.**

Bankowitz, Richard A. *see* **Osheroff, Jerome A.**
Banos, Josep-Eladi *see* **Guardiola, Elena**
Basile, Victor A.; Taylor, Madeline V.
Philip Rosenstein, 1922–1993 [obituary], 469–70
Bastille, Jacqueline D.
Elevating the authority of the health information professional [inaugural address], 117–19
Salaries and professional authority: new jurisdictions [president's page], 80–1
Battistella, Maureen S.
Connections: new ways of working in the networked organization by Lee Sproull and Sara Kiesler [review], 240–1
Bennett, Valerie M.; Dell, Esther Y.
Use of group 3–level memory telefacsimiles for enhanced interlibrary loan, part II: network application, 265–70
Benning, Susan P.; Speer, Susan C.
Incorrect citations: a comparison of library literature with medical literature, 56–8
Benson, Dennis A. *see* **Woodsmall, Rose Marie**
Bickley, Harmon *see* **Donner, Robert S.**
Blazek, Ron *see* **Dee, Cheryl**
Blythe, Jennifer; Royle, Joan A.
Assessing nurses' information needs in the work environment, 433–5
Bradigan, Pamela S. *see* **Mularski, Carol A.**
Brandon, Alfred N.; Hill, Dorothy R.
Selected list of books and journals for the small medical library, 141–68
Brandt, Kerryn A.
The GDB Human Genome Data Base: a source of integrated genetic mapping and disease data, 285–92
Braude, Robert M.
Impact of information technology on the role of health sciences librarians, 408–13
Broering, Naomi C.
Bringing the *Bulletin* to press [editorial], 78–9
Interruption of journal flow [editorial], 237
Browne, Allen C. *see* **McCray, Alexa T.**
Burdick, Amrita J; Butler, Anne; Sullivan, Marilyn G.
Citation patterns in the health sciences: implications for serials/monographic fund allocation, 44–7
Burrows, Suzetta
The community-based database prototype of the Southeast Florida AIDS Information Network, 223–6
Busby, Lorraine *see* **Marshall, Joanne G.**
Butler, Anne *see* **Burdick, Amrita J.**
Byrd, Gary D.
Annual meeting proceedings [ed.], 92–120

Caelleigh, Addeane S.
Journal supplements, libraries, and the FDA [editorial], 237–9
Camille, Damon; Chadha, Sanjay; Lyders, Richard A.
The Houston Academy of Medicine–Texas Medical Center Library management information system, 371–6
Campbell, Frank M. *see* **Seago, Brenda L.**
Chadha, Sanjay *see* **Camille, Damon**
Chatfield, Michele R.
The directory of food and nutrition information, 2d ed. edited by Robyn C. Frank and Holly Berry Irving [review], 342–3
Chiang, Dudee
CD-ROMs in print 1992 [review], 250–1
Cimino, James J.; Aguirre, Anthony; Johnson, Stephen B.; Peng, Ping
Generic queries for meeting clinical information needs, 195–206
Clyman, Jeffrey I.; Powsner, Seth M.; Paton, John A.; Miller, Perry L.
Using a network menu and the UMLS Information Sources Map to facilitate access to online reference materials, 207–16
Coggan, Janet M.
Funding a patient education collection, 435–7
Practical help for new supervisors, 2d ed. edited by Joan Giesecke [review], 243–5
Strategic planning basics for special libraries by Doris Asantewa [review], 243–5
Contini, Janice
LectureTek: the complete source for locating CME meetings [review], 347
Crabtree, Anna Beth
The health care manager's guide to performance appraisal by Charles R. McConnell [review], 341–2
Creth, Sheila D.
The health information environment: a view of organizational and professional needs and priorities, 414–20
Curtis, Karen L.; Weller, Ann C.; Hurd, Julie M.
Information-seeking behavior: a survey of health sciences faculty use of indexes and databases, 383–92

Dahlen, Karen
Qualitative research in information management by Jack D. Glazier and Ronald R. Powell [review], 454
Dee, Cheryl; Blazek, Ron
Information needs of the rural physician: a descriptive study, 259–64
Dell, Esther Y. *see* **Bennett, Valerie M.**
Deurenberg, Rikie
Journal deselection in a medical university library by ranking periodicals based on multiple factors, 316–9
Donner, Robert S.; Bickley, Harmon
Problem-based learning in American medical education: an overview, 294–8
Dorsch, Josephine L.; Landwirth, Trudy K.
Rural GRATEFUL MED outreach: project results, impact, and future needs, 377–82
DuVal, Merlin K.
From the *Bulletin*—25 years ago: the changing role of the library, 28

Earl, Martha F.; Adebonojo, Leslie G.; Fisher, Janet S.
Creating and using a faculty interests database, 66–8
Eldredge, Jonathan D.
A problem-based learning curriculum in transition: the emerging role of the library, 310–15
Accuracy of indexing coverage information as reported by serials sources, 364–70

Fisher, Janet S. *see* **Earl, Martha F.**
Fitzgerald, Dorothy *see* **Marshall, Joanne G.**
FitzSimons, David W.
AIDS literature underestimated [letter], 234
Foster, Eloise C. *see* **Wakeley, Patricia J.**
Frank, Christine
Automated library systems: a librarian's guide and teaching manual by Beverly K. Duval and Linda Main [review], 339–40
Fulton, June H.
Elliott How Morse, 1916–1992 [obituary], 464–9
Funk, Carla J.
Executive director's report, 100–2
Funk, Carla J.; Pierceall, Kimberly S.
MLA headquarters and copyright, 445–7
Funk, Mark E.
Creating user pathways to electronic information: synopsis of the 1991 Faxon Institute annual conference edited by Jane E. Niemi and Jesse Kalfel [review], 85–6

Ginn, David S. *see* **Kuller, Alice B.**
Greene, Catherine J.
Assessment and accountability in reference work edited by Susan Griswold Blandy, Lynne M. Martin, and Mary L. Strife [review], 454–5
Guardiola, Elena; Banos, Josep-Eladi
Presence of abstracts in non-English journals indexed in MEDLINE (1981–1990), 320–2

Harbourt, Anna M. *see* **Kingsland, Lawrence C. III**
Heaton, Gwynneth *see* **Marshall, Joanne G.**
Henry, Barbara J.
Continuous quality improvement in the hospital library, 437–9
Hill, Dorothy R. *see* **Brandon, Alfred N.**
Hodges, T. Mark
Mary Louise Gladish, 1920–1933 [obituary], 354–5
Hole, William T. *see* **Schuyler, Peri L.**
Humphreys, Betsy L.
The Unified Medical Language System: current research and development [symposium editor], 169–222
Humphreys, Betsy L.; Lindberg, Donald A. B.
The UMLS project: making the conceptual connection between users and the information they need, 170–7
Hurd, Julie M. *see* **Curtis, Karen L.**

Jachna, John S.; Powsner, Seth M.; Miller, Perry L.
Augmenting GRATEFUL MED with the UMLS Metathesaurus: an initial evaluation, 20–8
Johnson, Stephen B. *see* **Cimino, James J.**
Jones, Christiane J.
Charting a path for health sciences librarians in an integrated information environment, 421–4
Jones, Daniel H.
Vendor evaluation and acquisitions budgets edited by Sul H. Lee [review], 453–4

Keleher, Cynthia
Translating the genetic library: the goals, methods, and applications of the Human Genome Project, 274–7
King, Natalie S.
End-user errors: a content analysis of PaperChase transaction logs, 439–41
Kingsland, Lawrence C. III; Harbourt, Anna M.; Syed, Edmund J.; Schuyler, Peri L.
Coach: applying UMLS Knowledge Sources in an expert searcher environment, 178–83
Koch, Laura Huff
June H. Fulton, Medical Library Association president, 1993–1994 [president's page], 334–6
Kramer, Cecile E.
Thomas P. Fleming, 1907–1992 [obituary], 462–4
Kuller, Alice B.; Wessel, Charles B.; Ginn, David S.
Quality filtering of the clinical literature by librarians and physicians, 38–43
Quality filtering of the clinical literature by librarians and physicians [erratum], 233

Landwirth, Trudy K. *see* **Dorsch, Josephine L.**
Lanier, Don
The GRATEFUL MED program and the medical library profession: a response [letter], 329
Lindberg, Donald A. B.
The National Library of Medicine and its role, 71–3
see also **Humphreys, Betsy L.**
Line, Maurice B.
Fallacies noted in article on citation patterns [letter], 442
Linton, Anne M.
QMR (Quick Medical Reference), version 2.0 [review], 347–8
Livny, Efrat
Human and plant genome projects [symposium editor], 271–92
Introduction: human and plant genome projects, 272–3
Ludwig, Logan
Recent health sciences library building projects, 357–63
Lyders, Richard A.
The role and value of the librarian: what we must do to "establish" it [presidential address], 93–8
see also **Camille, Damon**

Makinen, Ruth H.; Speer, Susan
Paraprofessional staff: a review and report on current duty assignment in academic health sciences libraries in North America, 135–40
Marshall, Joanne G.; Fitzgerald, Dorothy; Busby, Lorraine; Heaton, Gwynneth
A study of library use in problem-based and traditional medical curricula, 299–305
Matheson, Nina
Copyrights and the user's rights: an editorial, 330–3
Mayfield, M. Kent
Beyond the classroom: self-direction in professional learning, 425–32
see also **Roper, Fred W.**
Mayfield, M. Kent; Roper, Fred W.
Introduction: *Platform for Change*: medical library education in the information age, 394–5
McCarthy, Susan
USDA's Plant Genome Research Project, 278–81
McClure, Lucretia W.
Still in print, 325–6
McCray, Alexa T.; Aronson, Alan R.; Browne, Allen C.; Rindflesch, Thomas C.; Razi, Amir; Srinivasan, Suresh
UMLS knowledge for biomedical language processing, 184–94
McKnight, Michelynn
Health reference center on InfoTrac [review], 460–1
Mehnert, Robert B.
NLM director to head national office of high-performance computing and communications, 82
Rachael Anderson to chair the NLM Board of Regents, 448
Meyerhoff, Erich
Nathan (Ned) Grayzel Eig, 1908–1992 [obituary], 353–4
Philip Rosenstein, 1922–1993: a remembrance [obituary], 470
Miller, Perry L. *see* **Clyman, Jeffrey I.; Jachna, John S.**
Mircheff, Joan
Spanish for medical professionals [review], 459–60
Mularski, Carol A.; Bradigan, Pamela S.
End-user searching: review of a modular program, 61–3

Osheroff, Jerome A.; Bankowitz, Richard A.
Physicians' use of computer software in answering clinical questions, 11–19

Paton, John A. *see* **Clyman, Jeffrey I.**
Peng, Ping *see* **Cimino, James J.**
Perry, Gerald
How to find information about AIDS, 2d ed. edited by Jeffrey T. Huber [review], 83–5
Pierceall, Kimberly S. *see* **Funk, Carla J.**
Potter, Laurie A.; Zenan, Joan S.
Expanding the DOCLINE network to include nonmedical libraries in the state of Nevada, 54–5
Powsner, Seth M. *see* **Clyman, Jeffrey I.; Jachna, John S.**
Pratt, Gregory F.
A decade of AIDS literature: author response [letter], 442
Pudlock, Kathryn
How libraries must comply with the Americans with Disabilities Act (ADA) edited by Donald D. Foos and Nancy C. Pack [review], 241–2

Rand, Debra C.
Shirley B. Hesslein, 1918–1992 [obituary], 91
Rankin, Jocelyn A.
Highlighting problem-based learning and medical libraries: introduction, 293
Razi, Amir *see* **McCray, Alexa T.**
Rees, Alan M.
Communication in the physician-patient relationship, 1–10
Richwine, Peggy W.
A study of MeSH and UMLS for subject searching in an online catalog, 229–33
Rieke, Judith L.
Retrospective conversion: history, approaches, considerations edited by Brian Schottlaender [review], 340–1
Rindflesch, Thomas C. *see* **McCray, Alexa T.**
Rishworth, Susan K.
Guide to the American Medical Association historical health fraud and alternative medicine collection edited by Arthur W. Hafner with James G. Carson and John F. Zwicky [review], 245–6
Robbins, Kathryn
Use of MEDLINE by health sciences faculty at the University of Minnesota, 226–8
Roderer, Nancy K.
Building information infrastructure: issues in the development of the National Research and Education Network edited by Brian Kahin [review], 451–2
Roper, Fred W.
Platform for Change: medical library education in the information age [symposium editor], 393–432
see also **Mayfield, M. Kent**
Roper, Fred W.; Mayfield, M. Kent
Surveying knowledge and skills in the health sciences: results and implications, 396–407
Rothstein, Julie A.
Ethics and the role of the medical librarian: health care information and the new consumer, 253–8
Royle, Joan A. *see* **Blythe, Jennifer**

Schuyler, Peri L.; Hole, William T.; Tuttle, Mark S.; Sherertz, David D.
The UMLS Metathesaurus: representing different views of biomedical concepts, 217–22
Schuyler, Peri L. *see also* **Kingsland, Lawrence C. III**
Seago, Brenda L.; Campbell, Frank M.
A comparison of MEDLINE CD-ROM and librarian-mediated search service users, 63–6
Seymour, Anne K.
A.D.A.M. (Animated Dissection of Anatomy for Medicine) [review], 88–9
Sherertz, David D. *see* **Schuyler, Peri L.**
Speer, Susan C. *see* **Benning, Susan P.; Makinen, Ruth H.**
Srinivasan, Suresh *see* **McCray, Alexa T.**
Stephens, Patricia
Nina Matheson elected to Institute of Medicine, 448
Sullivan, Marilyn G. *see* **Burdick, Amrita J.**
Syed, Edmund J. *see* **Kingsland, Lawrence C. III**

Taylor, Madeline V. *see* **Basile, Victor A.**
Thomas, Barbara C.
GUS (Guardian Utilization Statistics) [review], 250
Thornton, Carol L.
Physicians' generix: the official drug reference of FDA prescribing information and therapeutic equivalents [review], 83

Towell, Fay J.
Response to Lundberg's "Perspective" in the April 1992 *Bulletin*, 76
Tuttle, Mark S. *see* **Schuyler, Peri L.**

Wakeley, Patricia J.; Foster, Eloise C.
A survey of health sciences libraries in hospitals: implications for the 1990s, 123–8
Watkins, Charles
From the *Bulletin*—25 years ago: role of the librarian, 47
Watkins, Martha C.
Characteristics of services and educational programs in libraries serving problem-based curricula: a group self-study, 306–9
Weinberg, David M.
Documenting nursing and health care history in the mid-Atlantic region, 29–37
Weller, Ann C. *see* **Curtis, Karen L.**
Wessel, Charles B. *see* **Kuller, Alice B.**
West, Kelly M.
From the *Bulletin*—25 years ago: influence of the scholar, 76
White, Herbert S.
The GRATEFUL MED program and the medical library profession, 73–5
Widzinski, Lori
How hyper are we? A look at hypermedia management in academic health sciences libraries, 58–61
Wiesenthal, Diane
The future role of the health sciences library in the Department of Veterans Affairs, 129–34
Wilkins, Walter R.
Information searching in health care by Renee M. Williams, Lynda M. Baker, and Joanne Gard Marshall [review], 242–3
Library use: a handbook for psychology, 2d ed. by Jeffrey G. Reed and Pam M. Baxter [review], 242–3
Wood, Elizabeth H.
The online journal of current clinical trials [review], 89–90
Woodsmall, Rose Marie; Benson, Dennis A.
Information resources at the National Center for Biotechnology Information, 282–4
Wrynn, Paul E. *see* **Afes, Van B.**
Wygant, Larry J.
The history of surgery in the United States: 1775–1900. Volume 2: Periodicals and pamphlets edited by Ira M. Rutkow [review], 452

Zenan, Joan S. *see* **Potter, Laurie A.**

Carolyn G. Weaver, Indexer
Seattle, Washington

SUBJECT INDEX—VOLUME 81, 1993

Subject headings are in **boldface**, with cross-references in standard typeface. Titles of books and journals are in *italics*. The first author's name is in parentheses.

Abstracts
Presence of abstracts in non-English journals indexed in MEDLINE, 1981–1990 (Guardiola), 320–2
Academic health sciences libraries *see* **Libraries, academic health sciences**
Academic Medical Librarian of the Year *see* **Brodman, Estelle, Award**
Access to information *see* **Information access**
Acquired immunodeficiency syndrome
AIDS literature underestimated (FitzSimons) [letter], 234
The community-based database prototype of the Southeast Florida AIDS Information Network (Burrows), 223–6
A decade of AIDS literature: author response (Pratt) [letter], 442
Acquisitions and collection development
Accuracy of indexing coverage information as reported by serials sources (Eldredge), 364–70
Biomedical journal title changes: reasons, trends, and impact (Afes), 48–53
Characteristics of services and educational programs in libraries serving problem-based curricula: a group self-study (Watkins), 306–9
Citation patterns in the health sciences: implications for serials/monographic fund allocation (Burdick), 44–7
Fallacies noted in article on citation patterns (Line) [letter], 442
Funding a patient education collection (Coggan), 433–5
How hyper are we? A look at hypermedia management in academic health sciences libraries (Widzinski), 58–61
Journal deselection in a medical university library by ranking periodicals based on multiple factors (Deurenberg), 316–19
Selected list of books and journals for the small medical library (Brandon), 141–68
Administration, library
The Houston Academy of Medicine–Texas Medical Center Library management information system (Camille), 371–6
Adult education
Beyond the classroom: self-direction in professional learning (Mayfield), 425–32
Advertising
Journal supplements, libraries, and the FDA (Caelleigh) [editorial], 237–9
Agriculture
USDA's Plant Genome Research Program (McCarthy), 278–81
AIDS *see* **Acquired immunodeficiency syndrome**
American Hospital Association
A survey of health sciences libraries in hospitals: implications for the 1990s (Wakeley), 123–8
Anderson, Rachael K.
Rachael Anderson to chair the NLM Board of Regents (Mehnert), 448
Architecture and buildings
Arizona Health Sciences Library, University of Arizona [cover illustration], October, v
Recent health sciences library building projects (Ludwig), 357–63
Archives
Documenting nursing and health care history in the mid-Atlantic region (Weinberg), 29–37
Arizona Health Sciences Library, University of Arizona
Recent health sciences library building projects (Ludwig), 357–63
Award for Excellence and Achievement in Hospital Librarianship
Long, Susan Schweinsberg, recipient, 113

Bagdoyan, Helen
Bringing the *Bulletin* to press (Broering) [editorial], 78–9
Bibliographic instruction *see* **Information management education**
Bibliographies
Selected list of books and journals for the small medical library (Brandon), 141–68
Bibliometrics *see* **Citation analysis**
Biotechnology
Information resources at the National Center for Biotechnology Information (Woodsmall), 282–4
Introduction: human and plant genome projects (Livny), 272–3
Translating the genetic library: the goals, methods, and applications of the Human Genome Project (Keleher), 274–7
USDA's Plant Genome Research Program (McCarthy), 278–81
Book reviews
Assessment and accountability in reference work edited by Susan Griswold Blandy, Lynne M. Martin, and Mary L. Strife (Greene), 454–5
Automated library systems: a librarian's guide and teaching manual by Beverly K. Duvall and Linda Main (Frank), 339–40
Building information infrastructure: issues in the development of the National Research and Education Network edited by Brian Kahin (Roderer), 451–2
Connections: new ways of working in the networked organization by Lee Sproull and Sara Kiesler (Battistella), 240–1
Creating user pathways to electronic information: synopsis of the 1991 Faxon Institute annual conference edited by Jane E. Niemi and Jesse Kalfel (Funk), 85–6
The dictionary of food and nutrition information, 2d ed. edited by Robyn C. Frank and Holly Berry Irving (Chatfield), 342–3
Guide to the American Medical Association historical health fraud and alternative medicine collection edited by Arthur W. Hafner with James G. Carson and John F. Zwicky (Rishworth), 245–6
The health care manager's guide to performance appraisal by Charles R. McConnell (Crabtree), 341–2
The history of surgery in the United States: 1775–1900. Volume 2: periodicals and pamphlets edited by Ira M. Rutkow (Wygant), 452
How libraries must comply with the Americans with Disabilities Act (ADA) edited by Donald D. Foos and Nancy C. Pack (Pudlock), 241–2
How to find information about AIDS, 2d ed. edited by Jeffrey T. Huber (Perry), 83–5
Information searching in health care by Renee M. Williams, Lynda M. Baker, and Joanne Gard Marshall (Wilkins), 242–3
Library use: a handbook for psychology, 2d ed. by Jeffrey G. Reed and Pam M. Baxter (Wilkins), 242–3
Physicians' generix: the official drug reference of FDA prescribing information and therapeutic equivalents (Thornton), 83
Practical help for new supervisors, 2d ed. edited by Joan Giesecke (Coggan), 243–5
Qualitative research in information management by Jack D. Glazier and Ronald R. Powell (Dahlen), 454
Retrospective conversion: history, approaches, considerations edited by Brian Schottlaender (Rieke), 340–1
Strategic planning basics for special libraries by Doris Asantewa (Coggan), 243–5
Vendor evaluation and acquisitions budgets edited by Sul H. Lee (Jones), 453–4
Books
Still in print (McClure), 325–6
Books and serials received, 87, 249, 344, 456
Brandon/Hill list *see* **Bibliographies**
Brodman, Estelle, Award
Reid, Carolyn Anne, recipient, 113
Brown, Janis
Bringing the *Bulletin* to press (Broering) [editorial], 78–9
Budgets and budgeting
Citation patterns in the health sciences: implications for serials/monographic fund allocation (Burdick), 44–7
Funding a patient education collection (Coggan), 433–5
Buildings *see* **Architecture and buildings**
Bulletin of the Medical Library Association
Bringing the *Bulletin* to press (Broering) [editorial], 78–9
Burnham, Judy
MLA Continuing Education Award, recipient, 113
Byrd, Gary D.
Bringing the *Bulletin* to press (Broering) [editorial], 78–9
MLA doctoral fellowship, recipient, 113

Catalogs, library
A study of MeSH and UMLS for subject searching in an online catalog (Richwine), 229–33
CD-ROM
A comparison of MEDLINE CD-ROM and librarian-mediated search service users (Seago), 63–6
Censorship
Journal supplements, libraries, and the FDA (Caelleigh) [editorial], 237–9
Change *see* **Organizational change**
Chromosome mapping
The GDB Human Genome Data Base: a source of integrated genetic mapping and disease data (Brandt), 285–92
Translating the genetic library: the goals, methods, and applications of the Human Genome Project (Keleher), 274–7
USDA's Plant Genome Research Program (McCarthy), 278–81
Citation analysis
Citation patterns in the health sciences: implications for serials/monographic fund allocation (Burdick), 44–7
Fallacies noted in article on citation patterns (Line) [letter], 442

Incorrect citations: a comparison of library literature with medical literature (Benning), 56–8
Journal deselection in a medical university library by ranking periodicals based on multiple factors (Deurenberg), 316–9
Quality filtering of the clinical literature by librarians and physicians (Kuller), 38–43
Quality filtering of the clinical literature by librarians and physicians (Kuller) [erratum], 233
Clinical informatics *see* **Medical informatics**
Clinical medical librarians
Assessing nurses' information needs in the work environment (Blythe), 433–5
Quality filtering of the clinical literature by librarians and physicians (Kuller), 38–43
Quality filtering of the clinical literature by librarians and physicians (Kuller) [erratum], 233
Collection assessment *see* **Acquisitions and collection development**
Collection development *see* **Acquisitions and collection development**
Communication
Communication in the physician-patient relationship (Rees), 1–10
Compact disc *see* **CD-ROM**
Computer-assisted instruction
How hyper are we? A look at hypermedia management in academic health sciences libraries (Widzinski), 58–61
Computer communication networks
The health information environment: a view of organizational and professional needs and priorities (Creth), 414–20
The UMLS project: making the conceptual connection between users and the information they need (Humphreys), 170–7
Using a network menu and the UMLS Information Sources map to facilitate access to online reference materials (Clyman), 207–16
Computer graphics
Cover illustration, July, v
Computer interface *see* **User-computer interface**
Computers in libraries
Impact of information technology on the role of health sciences librarians (Braude), 408–13
Consumer health information
Communication in the physician-patient relationship (Rees), 1–10
Ethics and the role of the medical librarian: health care information and the new consumer (Rothstein), 253–8
Continuing Education Award, Medical Library Association
Burnham, Judy, recipient, 113
Demchuk, Margaret Moorman, recipient, 113
Kennedy, Joanne, recipient, 113
Contract services
The future role of the health sciences library in the Department of Veterans Affairs (Wiesenthal), 123–8
A survey of health sciences libraries in hospitals: implications for the 1990s (Wakeley), 123–8
Copyright
Copyrights and the user's rights: an editorial (Matheson), 330–3
MLA headquarters and copyright (Funk) [editorial], 445–6
Core lists *see* **Bibliographies**
Costs and cost analysis
Selected list of books and journals for the small medical library (Brandon), 141–68
Use of group 3-level memory telefacsimiles for enhanced interlibrary loan, part II: network applications (Bennett), 265–70
Crawford, Susan
Marcia C. Noyes Award, recipient, 114
MLA President's Award, recipient, 113
Curriculum
Characteristics of services and educational programs in libraries serving problem-based curricula: a group self-study (Watkins), 306–9
A problem-based learning curriculum in transition: the emerging role of the library (Eldredge), 310–15
Problem-based learning in American medical education: an overview (Donner), 294–8

Data collection *see also* **Questionnaires**
The community-based database prototype of the Southeast Florida AIDS Information Network (Burrows), 223–6
Creating and using a faculty interests database (Earl), 66–8
Documenting nursing and health care history in the mid-Atlantic region (Weinberg), 29–37
The Houston Academy of Medicine–Texas Medical Center Library management information system (Camille), 371–6
A study of library use in problem-based and traditional medical curricula (Marshall), 299–305
Surveying knowledge and skills in the health sciences: results and implications (Roper), 396–407
Databanks *see* **Databases, factual**
Databases, bibliographic
AIDS literature underestimated (FitzSimons) [letter], 234
Databases, factual
The community-based database prototype of the Southeast Florida AIDS Information Network (Burrows), 223–6
Creating and using a faculty interests database (Earl), 66–8
The GDB Human Genome Data Base: a source of integrated genetic mapping and disease data (Brandt), 285–92
Decision making, clinical
Physicians' use of computer software in answering clinical questions (Osheroff), 11–19
Decision making, organizational
The Houston Academy of Medicine–Texas Medical Center Library management information system (Camille), 371–6
Demchuk, Margaret Moorman
MLA Continuing Education Award, recipient, 113
Directories
Accuracy of indexing coverage information as reported by serials sources (Eldredge), 364–70
Distinguished Public Service Award
Gore, Al, recipient, 93
DOCLINE *see* **Document delivery**
Doctoral fellowships, Medical Library Association
Byrd, Gary D., recipient, 113
Stavri, Zoe, recipient, 113
Document delivery
Expanding the DOCLINE network to include nonmedical libraries in the state of Nevada (Potter), 54–5
Rural GRATEFUL MED outreach: project results, impact, and future needs (Dorsch), 377–82
Use of group 3-level memory telefacsimiles for enhanced interlibrary loan, part II: network applications (Bennett), 265–70
Doe, Janet, Lecture
Communication in the physician-patient relationship (Rees), 1–10
Rees, Alan M., award recipient, 106, 113
Drug manufacturers
Journal supplements, libraries, and the FDA (Caelleigh) [editorial], 237–9

Editorials
Bringing the *Bulletin* to press (Broering), 78–9
Copyrights and the user's rights: an editorial (Matheson), 330–3
Interruption of journal flow (Broering), 237
Journal supplements, libraries, and the FDA (Caelleigh), 237–9
MLA headquarters and copyright (Funk), 445–6
Education, continuing
Beyond the classroom: self-direction in professional learning (Mayfield), 425–32
The health information environment: a view of organizational and professional needs and priorities (Creth), 414–20
Information needs of the rural physician: a descriptive study (Dee), 259–64
Introduction: *Platform for Change*: medical library education in the information age (Mayfield), 394–5
Platform for Change: medical library education in the information age (Roper, ed.) [symposium], 393–432
Rural GRATEFUL MED outreach: project results, impact, and future needs (Dorsch), 377–82
Surveying knowledge and skills in the health sciences: results and implications (Roper), 396–407
Education, library and information science
Impact of information technology on the role of health sciences librarians (Braude), 408–13
Introduction: *Platform for Change*: medical library education in the information age (Mayfield), 394–5
Surveying knowledge and skills in the health sciences: results and implications (Roper), 396–407
Education, medical
Characteristics of services and educational programs in libraries serving problem-based curricula: a group self-study (Watkins), 306–9
End-user searching: review of a modular program (Mularski), 61–3
Highlighting problem-based learning and medical libraries: introduction (Rankin), 293
A problem-based learning curriculum in transition: the emerging role of the library (Eldredge), 310–15
Problem-based learning in American medical education: an overview (Donner), 294–8
A study of library use in problem-based and traditional medical curricula (Marshall), 299–305

Education, nursing
Documenting nursing and health care history in the mid-Atlantic region (Weinberg), 29–37
Eig, Nathan (Ned) Grayzel
Obituary (Meyerhoff), 353–4
Eliot Prize
Lynch, Frances H., and Lasater, Mary Charles, recipients, 113
Employee performance appraisal
Impact of information technology on the role of health sciences librarians (Braude), 408–13
End-user searching
Augmenting GRATEFUL MED with the UMLS Metathesaurus: an initial evaluation (Jachna), 20–8
End-user errors: a content analysis of PaperChase transaction logs (King), 439–41
End-user searching: review of a modular program (Mularski), 61–3
The GRATEFUL MED program and the medical library profession: a response (Lanier) [letter], 329
The GRATEFUL MED program and the medical library profession (White), 73–5
Information-seeking behavior: a survey of health sciences faculty use of indexes and databases (Curtis), 383–92
The National Library of Medicine and its role (Lindberg), 71–3
Physicians' use of computer software in answering clinical questions (Osheroff), 11–19
A problem-based learning curriculum in transition: the emerging role of the library (Eldredge), 310–15
Rural GRATEFUL MED outreach: project results, impact, and future needs (Dorsch), 377–82
Use of MEDLINE by health sciences faculty at the University of Minnesota (Robbins), 226–8
Environmental assessment *see* **Social environment**
Errata and corrections, 233
Estelle Brodman Award *see* **Brodman, Estelle, Award**
Ethics, professional
Ethics and the role of the medical librarian: health care information and the new consumer (Rothstein), 253–8
Evaluation studies
Quality filtering of the clinical literature by librarians and physicians (Kuller), 38–43
Quality filtering of the clinical literature by librarians and physicians (Kuller) [erratum], 233
Use of group 3-level memory telefacsimiles for enhanced interlibrary loan, part II: network applications (Bennett), 265–70
Expert systems
Coach: applying UMLS Knowledge Sources in an expert searcher environment (Kingsland), 178–83

Faculty
Use of MEDLINE by health sciences faculty at the University of Minnesota (Robbins), 226–8
FDA *see* **United States Food and Drug Administration**
Fee-based services *see* **Library services**
Fellowship, MLA
Lamb, Gertrude, recipient, 113
Wannarka, Marjorie B., recipient, 113
Fleming, Thomas P.
Obituary (Kramer), 462–4
Food and Drug Administration *see* **United States Food and Drug Administration**
Forms and records control
Documenting nursing and health care history in the mid-Atlantic region (Weinberg), 29–37
Fulton, June H.
June H. Fulton, Medical Library Association President, 1993–1994 (Koch) [president's page], 334–6

Genome project, human *see* **Human Genome Project**
Genomic library
The GDB Human Genome Data Base: a source of integrated genetic mapping and disease data (Brandt), 285–92
Information resources at the National Center for Biotechnology Information (Woodsmall), 282–4
Introduction: human and plant genome projects (Livny), 272–3
Translating the genetic library: the goals, methods, and applications of the Human Genome Project (Keleher), 274–7
USDA's Plant Genome Research Program (McCarthy), 278–81
Gladish, Mary Louise
Obituary (Hodges), 354–5
Gore, Al
Distinguished Public Service Award, recipient, 93
Gottlieb, Murray, Prize
Walls, Edwina, recipient, 113
Grady, Jenifer Lyn
MLA Scholarship for Minority Students, recipient, 113
GRATEFUL MED *see* **Online bibliographic retrieval systems**

Health education
The community-based database prototype of the Southeast Florida AIDS Information Network (Burrows), 223–6
Heilemann, Heidi Ann
MLA Scholarship, recipient, 113
Hesslein, Shirley B.
Obituary (Rand), 91
High-Performance Computing and Communication (HPCC)
NLM director to head national office of high-performance computing and communications (Mehnert), 82
Historical notes
From the *Bulletin*—25 years ago: the changing role of the library (DuVal), 28
From the *Bulletin*—25 years ago: influence of the scholar (West), 76
From the *Bulletin*—25 years ago: role of the librarian (Watkins), 47
History of medicine
Still in print (McClure), 325–6
History of nursing
Documenting nursing and health care history in the mid-Atlantic region (Weinberg), 29–37
Honorary membership, Medical Library Association
Kissman, Henry M., recipient, 113
Hospital Librarianship Award *see* **Award for Excellence and Achievement in Hospital Librarianship**
Hospital libraries *see* **Libraries, hospital**
Hospitals, rural
Information needs of the rural physician: a descriptive study (Dee), 259–64
Hospitals, veterans
The future role of the health sciences library in the Department of Veterans Affairs (Wiesenthal), 123–8
Houston Academy of Medicine–Texas Medical Center Library
The Houston Academy of Medicine–Texas Medical Center Library management information system (Camille), 371–6
Human Genome Project
The GDB Human Genome Data Base: a source of integrated genetic mapping and disease data (Brandt), 285–92
Human and plant genome projects (Livny, ed.) [symposium], 271–92
Introduction: human and plant genome projects (Livny), 272–3
Translating the genetic library: the goals, methods, and applications of the Human Genome Project (Keleher), 274–7
Hypermedia *see* **Computer-assisted instruction**

IAIMS *see* **Integrated Academic Information Management System**
Ida and George Eliot Prize *see* **Eliot Prize**
Impact of library services
Information needs of the rural physician: a descriptive study (Dee), 259–64
Selected list of books and journals for the small medical library (Brandon), 141–68
Indexes and indexing
Accuracy of indexing coverage information as reported by serials sources (Eldredge), 364–70
Information-seeking behavior: a survey of health sciences faculty use of indexes and databases (Curtis), 383–92
Presence of abstracts in non-English journals indexed in MEDLINE, 1981–1990 (Guardiola), 320–2
Information access
Assessing nurses' information needs in the work environment (Blythe), 433–5
Copyrights and the user's rights: an editorial (Matheson), 330–3
Ethics and the role of the medical librarian: health care information and the new consumer (Rothstein), 253–8
The GDB Human Genome Data Base: a source of integrated genetic mapping and disease data (Brandt), 285–92
The GRATEFUL MED program and the medical library profession (White), 73–5
The health information environment: a view of organizational and professional needs and priorities (Creth), 414–20
Information needs of the rural physician: a descriptive study (Dee), 259–64
Information-seeking behavior: a survey of health sciences faculty use of indexes and databases (Curtis), 383–92
The National Library of Medicine and its role (Lindberg), 71–3

Rural GRATEFUL MED outreach: project results, impact, and future needs (Dorsch), 377–82
Information Advancement Award *see* **Rogers, Frank Bradway, Information Advancement Award**
Information management education
Characteristics of services and educational programs in libraries serving problem-based curricula: a group self-study (Watkins), 306–9
The health information environment: a view of organizational and professional needs and priorities (Creth), 414–20
Information-seeking behavior: a survey of health sciences faculty use of indexes and databases (Curtis), 383–92
A problem-based learning curriculum in transition: the emerging role of the library (Eldredge), 310–15
Information policy
The GRATEFUL MED program and the medical library profession (White), 73–5
The National Library of Medicine and its role (Lindberg), 71–3
Information science *see* **Librarianship**
Information services
Assessing nurses' information needs in the work environment (Blythe), 433–5
Charting a path for health sciences librarians in an integrated information environment (Jones), 421–4
The health information environment: a view of organizational and professional needs and priorities (Creth), 414–20
Information-seeking behavior: a survey of health sciences faculty use of indexes and databases (Curtis), 383–92
Information technology *see* **Medical informatics**
Informed consent
Communication in the physician-patient relationship (Rees), 1–10
Ethics and the role of the medical librarian: health care information and the new consumer (Rothstein), 253–8
Innovation *see* **Organizational change**
Institutional policy *see* **Organizational policy**
Integrated Academic Information Management System (IAIMS)
The UMLS project: making the conceptual connection between users and the information they need (Humphreys), 170–7
Interlibrary loan *see* **Document delivery**
Internet *see* **Computer communication networks**

Janet Doe Lecture *see* **Doe, Janet, Lecture**
Joint Commission on Accreditation of Healthcare Organizations (JCAHO)
Selected list of books and journals for the small medical library (Brandon), 141–68

Kennedy, Joanne
MLA Continuing Education Award, recipient, 113
Kissman, Henry M.
MLA honorary membership, recipient, 113
Knowledge, professional *see* **Professional competence**
Knowledge and Skills Task Force, MLA
Surveying knowledge and skills in the health sciences: results and implications (Roper), 396–407

Lamb, Gertrude
MLA Fellowship, recipient, 113
Languages
Presence of abstracts in non-English journals indexed in MEDLINE, 1981–1990 (Guardiola), 320–2
Lasater, Mary Charles
Ida and George Eliot Prize, recipient, 113
Learning
Beyond the classroom: self-direction in professional learning (Mayfield), 425–32
Charting a path for health sciences librarians in an integrated information environment (Jones), 421–4
Letters to the editor
AIDS literature underestimated (FitzSimons), 234
A decade of AIDS literature: author response (Pratt), 442
Fallacies noted in article on citation patterns (Line), 442
The GRATEFUL MED program and the medical library profession: a response (Lanier), 329
Response to Lundberg's "Perspective" in the April 1992 *Bulletin* (Towell), 76
Librarianship *see also* **Library staff, paraprofessional**
Beyond the classroom: self-direction in professional learning (Mayfield), 425–32
Characteristics of services and educational programs in libraries serving problem-based curricula: a group self-study (Watkins), 306–9
Charting a path for health sciences librarians in an integrated information environment (Jones), 421–4
Elevating the authority of the health information professional (Bastille) [inaugural address], 117–19
Ethics and the role of the medical librarian: health care information and the new consumer (Rothstein), 253–8
From the *Bulletin*—25 years ago: the changing role of the library (DuVal), 28
From the *Bulletin*—25 years ago: influence of the scholar (West), 76
From the *Bulletin*—25 years ago: role of the librarian (Watkins), 47
The GRATEFUL MED program and the medical library profession (White), 73–5
The health information environment: a view of organizational and professional needs and priorities (Creth), 414–20
Impact of information technology on the role of health sciences librarians (Braude), 408–13
Introduction: *Platform for Change*: medical library education in the information age (Mayfield), 394–5
The National Library of Medicine and its role (Lindberg), 71–3
Platform for Change: medical library education in the information age (Roper, ed.) [symposium], 393–432
Response to Lundberg's "Perspective" in the April 1992 *Bulletin* (Towell), 76
The role and value of the librarian: what we must do to "establish" it (Lyders), 93–8
Salaries and professional authority: new jurisdictions (Bastille) [president's page], 80–1
Selected list of books and journals for the small medical library (Brandon), 141–68
Surveying knowledge and skills in the health sciences: results and implications (Roper), 396–407
Libraries, academic health sciences
Biomedical journal title changes: reasons, trends, and impact (Afes), 48–53
Characteristics of services and educational programs in libraries serving problem-based curricula: a group self-study (Watkins), 306–9
Creating and using a faculty interests database (Earl), 66–8
Funding a patient education collection (Coggan), 433–5
The Houston Academy of Medicine–Texas Medical Center Library management information system (Camille), 371–6
How hyper are we? A look at hypermedia management in academic health sciences libraries (Widzinski), 58–61
Information-seeking behavior: a survey of health sciences faculty use of indexes and databases (Curtis), 383–92
Journal deselection in a medical university library by ranking periodicals based on multiple factors (Deurenberg), 316–19
Paraprofessional staff: a review and report on current duty assignment in academic health sciences libraries in North America (Makinen), 135–40
A problem-based learning curriculum in transition: the emerging role of the library (Eldredge), 310–15
A study of library use in problem-based and traditional medical curricula (Marshall), 299–305
Libraries, hospital
Continuous quality improvement in the hospital library (Henry), 437–9
The future role of the health sciences library in the Department of Veterans Affairs (Wiesenthal), 123–8
Information needs of the rural physician: a descriptive study (Dee), 259–64
Rural GRATEFUL MED outreach: project results, impact, and future needs (Dorsch), 377–82
Selected list of books and journals for the small medical library (Brandon), 141–68
A survey of health sciences libraries in hospitals: implications for the 1990s (Wakeley), 123–8
Libraries, medical
The health information environment: a view of organizational and professional needs and priorities (Creth), 414–20
Libraries, public
Funding a patient education collection (Coggan), 433–5
Library instruction *see* **Information management education**
Library schools *see* **Education, library and information science**
Library services
Characteristics of services and educational programs in libraries serving problem-based curricula: a group self-study (Watkins), 306–9
A comparison of MEDLINE CD-ROM and librarian-mediated search service users (Seago), 63–6

Expanding the DOCLINE network to include nonmedical libraries in the state of Nevada (Potter), 54–5
Funding a patient education collection (Coggan), 433–5
The future role of the health sciences library in the Department of Veterans Affairs (Wiesenthal), 123–8
Impact of information technology on the role of health sciences librarians (Braude), 408–13
A study of library use in problem-based and traditional medical curricula (Marshall), 299–305
A survey of health sciences libraries in hospitals: implications for the 1990s (Wakeley), 123–8
Library staff, paraprofessional
Paraprofessional staff: a review and report on current duty assignments in academic health sciences libraries in North America, 135–40
Library surveys *see also* **Data collection; Questionnaires**
Continuous quality improvement in the hospital library (Henry), 437–9
The future role of the health sciences library in the Department of Veterans Affairs (Wiesenthal), 123–8
How hyper are we? A look at hypermedia management in academic health sciences libraries (Widzinski), 58–61
Information-seeking behavior: a survey of health sciences faculty use of indexes and databases (Curtis), 383–92
Paraprofessional staff: a review and report on current duty assignments in academic health sciences libraries in North America, 135–40
A study of library use in problem-based and traditional medical curricula (Marshall), 299–305
A survey of health sciences libraries in hospitals: implications for the 1990s (Wakeley), 123–8
Surveying knowledge and skills in the health sciences: results and implications (Roper), 396–407
Licensure
MLA headquarters and copyright (Funk) [editorial], 445–6
Lindberg, Donald A. B.
NLM director to head national office of high-performance computing and communications (Mehnert), 82
LOANSOME DOC *see* **Document delivery**
Long, Susan Schweinsberg
Award for Excellence and Achievement in Hospital Librarianship, recipient, 113
Ludwig, Logan
Bringing the *Bulletin* to press (Broering) [editorial], 78–9
Lynch, Frances H.
Ida and George Eliot Prize, recipient, 113

Management information systems
The Houston Academy of Medicine–Texas Medical Center Library management information system (Camille), 371–6
Marcia C. Noyes Award *see* **Noyes, Marcia C. Award**
Matheson, Nina W.
Nina Matheson elected to Institute of Medicine (Stephens), 448
Matthews-Fuller Health Sciences Library, Dartmouth University
Recent health sciences library building projects (Ludwig), 357–63
Medical informatics
The GDB Human Genome Data Base: a source of integrated genetic mapping and disease data (Brandt), 285–92
Generic queries for meeting clinical information needs (Cimino), 195–206
Impact of information technology on the role of health sciences librarians (Braude), 408–13
Information needs of the rural physician: a descriptive study (Dee), 259–64
Information-seeking behavior: a survey of health sciences faculty use of indexes and databases (Curtis), 383–92
Physicians' use of computer software in answering clinical questions (Osheroff), 11–19
Using a network menu and the UMLS Information Sources map to facilitate access to online reference materials (Clyman), 207–16
Medical Library Association
Elevating the authority of the health information professional (Bastille) [inaugural address], 117–9
MLA headquarters and copyright (Funk) [editorial], 445–6
Medical Library Association—Annual Meeting 1992, Proceedings, 92–121
Audited statement of revenues and expenses, 1991, 121
Board of Directors, summary of actions, 102–3
Business sessions, 99–104, 116–19
Concurrent programs, 98–9
Conference, May 17, 92–8
Conference, May 18, 98–106
Conference, May 19, 106–10
Conference, May 20, 110–19
Conference, May 21, 119–20
Continuing education courses, 92
Contributed papers, 106–9, 110–11
Executive director's report (Funk), 100–2
Exhibits, 98
Honors and awards, 93, 106, 113–14
Inaugural address (Bastille), 117–19
Informal reports, late-breaking news session, 116
Information Systems Development Task Force report, 103–4
Janet Doe Lecture, 106
Job market, 99
NLM update session, 105–6
Plenary sessions, 98
Postconference symposium, 120
Poster sessions, 105, 107–8
Preconference activities, 92
Presidential address (Lyders), 93–8
Section programs, 109–10, 111–13, 114–15
Sharing sessions, 109
Treasurer's report, 103
Workshop sessions, 115–16
Medical Subject Headings *see* **Subject headings**
MEDLARS *see* **MEDLINE**
MEDLINE
Augmenting GRATEFUL MED with the UMLS Metathesaurus: an initial evaluation (Jachna), 20–8
Coach: applying UMLS Knowledge Sources in an expert searcher environment (Kingsland), 178–83
A comparison of MEDLINE CD-ROM and librarian-mediated search service users (Seago), 63–6
Information-seeking behavior: a survey of health sciences faculty use of indexes and databases (Curtis), 383–92
The National Library of Medicine and its role (Lindberg), 71–3
Presence of abstracts in non-English journals indexed in MEDLINE, 1981–1990 (Guardiola), 320–2
A study of library use in problem-based and traditional medical curricula (Marshall), 299–305
Use of MEDLINE by health sciences faculty at the University of Minnesota (Robbins), 226–8
MeSH *see* **Subject headings**
Metathesaurus *see* **Unified Medical Language System (UMLS)**
Minority Scholarship Award
Grady, Jenifer Lyn, recipient, 113
Molecular sequence data
Information resources at the National Center for Biotechnology Information (Woodsmall), 282–4
Morse, Elliott How
Obituary (Fulton), 464–9
Murray Gottlieb Prize *see* **Gottlieb, Murray, Prize**

National Academy of Sciences, Institute of Medicine
Nina Matheson elected to Institute of Medicine (Stephens), 448
National Agricultural Library
USDA's Plant Genome Research Program (McCarthy), 278–81
National Center for Biotechnology Information (NCBI)
Information resources at the National Center for Biotechnology Information (Woodsmall), 282–4
National Library of Medicine
The GRATEFUL MED program and the medical library profession (White), 73–5
The National Library of Medicine and its role (Lindberg), 71–3
NLM director to head national office of high-performance computing and communications (Mehnert), 82
Rachael Anderson to chair the NLM Board of Regents (Mehnert), 448
The UMLS project: making the conceptual connection between users and the information they need (Humphreys), 170–7
National Network of Libraries of Medicine
The National Library of Medicine and its role (Lindberg), 71–3
National Research and Education Network (NREN)
The National Library of Medicine and its role (Lindberg), 71–3
NLM director to head national office of high-performance computing and communications (Mehnert), 82
Natural language processing
Generic queries for meeting clinical information needs (Cimino), 195–206
UMLS knowledge for biomedical language processing (McCray), 184–94
NCBI *see* **National Center for Biotechnology Information (NCBI)**
Networks, library

Expanding the DOCLINE network to include nonmedical libraries in the state of Nevada (Potter), 54–5
Use of group 3–level memory telefacsimiles for enhanced interlibrary loan, part II: network applications (Bennett), 265–70
Noyes, Marcia C. Award
Crawford, Susan, recipient, 114
Nurses
Assessing nurses' information needs in the work environment (Blythe), 433–5

Obituaries
Eig, Nathan (Ned) Grayzel, 1908–1992 (Meyerhoff), 353–4
Fleming, Thomas P., 1907–1992 (Kramer), 462–4
Gladish, Mary Louise, 1920–1993 (Hodges), 354–5
Hesslein, Shirley B., 1918–1992 (Rand), 91
Morse, Elliott How, 1916–1992 (Fulton), 464–9
Rosenstein, Philip, 1922–1993 (Basile, Meyerhoff), 469–70
Office automation
The Houston Academy of Medicine–Texas Medical Center Library management information system (Camille), 371–6
Online bibliographic retrieval systems
Augmenting GRATEFUL MED with the UMLS Metathesaurus: an initial evaluation (Jachna), 20–8
Coach: applying UMLS Knowledge Sources in an expert searcher environment (Kingsland), 178–83
The GRATEFUL MED program and the medical library profession: a response (Lanier) [letter], 329
The GRATEFUL MED program and the medical library profession (White), 73–5
Rural GRATEFUL MED outreach: project results, impact, and future needs (Dorsch), 377–82
Online bibliographic searching
Coach: applying UMLS Knowledge Sources in an expert searcher environment (Kingsland), 178–83
A comparison of MEDLINE CD-ROM and librarian-mediated search service users (Seago), 63–6
End-user errors: a content analysis of PaperChase transaction logs (King), 439–41
The GDB Human Genome Data Base: a source of integrated genetic mapping and disease data (Brandt), 285–92
Generic queries for meeting clinical information needs (Cimino), 195–206
A study of MeSH and UMLS for subject searching in an online catalog (Richwine), 229–33
UMLS knowledge for biomedical language processing (McCray), 184–94
The UMLS Metathesaurus: representing different views of biomedical concepts (Schuyler), 217–22
Using a network menu and the UMLS Information Sources map to facilitate access to online reference materials (Clyman), 207–16
Online catalogs *see* **Catalogs, library**
Online *Mendelian Inheritance in Man* (OMIM) *see* **Databases, factual**
Organizational change
Charting a path for health sciences librarians in an integrated information environment (Jones), 421–4
The future role of the health sciences library in the Department of Veterans Affairs (Wiesenthal), 123–8
The health information environment: a view of organizational and professional needs and priorities (Creth), 414–20
Impact of information technology on the role of health sciences librarians (Braude), 408–13
Introduction: *Platform for Change*: medical library education in the information age (Mayfield), 394–5
Platform for Change: medical library education in the information age (Roper, ed.) [symposium], 393–432
Organizational culture
Beyond the classroom: self-direction in professional learning (Mayfield), 425–32
Organizational innovation *see* **Organizational change**
Organizational policy
Ethics and the role of the medical librarian: health care information and the new consumer (Rothstein), 253–8
Outreach *see* **Information access**

Paraprofessional staff *see* **Library staff, paraprofessional**
Patient advocacy
Ethics and the role of the medical librarian: health care information and the new consumer (Rothstein), 253–8
Patient education
Communication in the physician-patient relationship (Rees), 1–10
Ethics and the role of the medical librarian: health care information and the new consumer (Rothstein), 253–8
Funding a patient education collection (Coggan), 433–5
Patients' rights *see* **Patient advocacy**
Performance appraisal, employee *see* **Employee performance appraisal**
Personnel staffing and scheduling
Paraprofessional staff: a review and report on current duty assignments in academic health sciences libraries in North America, 135–40
Pharmaceutical companies *see* **Drug manufacturers**
Physician-patient relations
Communication in the physician-patient relationship (Rees), 1–10
Physicians
Information needs of the rural physician: a descriptive study (Dee), 259–64
Planning
The health information environment: a view of organizational and professional needs and priorities (Creth), 414–20
Plant Genome Research Program
Introduction: human and plant genome projects (Livny), 272–3
USDA's Plant Genome Research Program (McCarthy), 278–81
Poole, Connie
Bringing the *Bulletin* to press (Broering) [editorial], 78–9
President's Award
Crawford, Susan, recipient, 113
President's page, 80–1, 334–6
Problem-based learning *see* **Problem solving**
Problem solving
Characteristics of services and educational programs in libraries serving problem-based curricula: a group self-study (Watkins), 306–9
Highlighting problem-based learning and medical libraries: introduction (Rankin), 293
Physicians' use of computer software in answering clinical questions (Osheroff), 11–19
A problem-based learning curriculum in transition: the emerging role of the library (Eldredge), 310–15
Problem-based learning in American medical education: an overview (Donner), 294–8
A study of library use in problem-based and traditional medical curricula (Marshall), 299–305
Professional competence
Beyond the classroom: self-direction in professional learning (Mayfield), 425–32
The health information environment: a view of organizational and professional needs and priorities (Creth), 414–20
Introduction: *Platform for Change*: medical library education in the information age (Mayfield), 394–5
Salaries and professional authority: new jurisdictions (Bastille) [president's page], 80–1
Surveying knowledge and skills in the health sciences: results and implications (Roper), 396–407
Professional development, librarian
Beyond the classroom: self-direction in professional learning (Mayfield), 425–32
Charting a path for health sciences librarians in an integrated information environment (Jones), 421–4
The health information environment: a view of organizational and professional needs and priorities (Creth), 414–20
Surveying knowledge and skills in the health sciences: results and implications (Roper), 396–407
Professional practice
Information needs of the rural physician: a descriptive study (Dee), 259–64
Rural GRATEFUL MED outreach: project results, impact, and future needs (Dorsch), 377–82
Publishing
Biomedical journal title changes: reasons, trends, and impact (Afes), 48–53
Copyrights and the user's rights: an editorial (Matheson), 330–3
Incorrect citations: a comparison of library literature with medical literature (Benning), 56–8
Journal supplements, libraries, and the FDA (Caelleigh) [editorial], 237–9
Still in print (McClure), 325–6

Quality assurance, health care
Charting a path for health sciences librarians in an integrated information environment (Jones), 421–4
Continuous quality improvement in the hospital library (Henry), 437–9

Quality control
End-user errors: a content analysis of PaperChase transaction logs (King), 439–41
Selected list of books and journals for the small medical library (Brandon), 141–68
Use of group 3–level memory telefacsimiles for enhanced interlibrary loan, part II: network applications (Bennett), 265–70
Quality filtering *see* **Citation analysis**
Quality of health care
Communication in the physician-patient relationship (Rees), 1–10
Questionnaires *see also* **Data collection**
Biomedical journal title changes: reasons, trends, and impact (Afes), 48–53
Use of MEDLINE by health sciences faculty at the University of Minnesota (Robbins), 226–8

Rankin, Jocelyn C.
Frank Bradway Rogers Information Advancement Award, recipient, 113
Recognition, professional
Elevating the authority of the health information professional (Bastille) [inaugural address], 117–9
Records management *see* **Forms and records control**
Rees, Alan M.
Janet Doe lecturer, 1–10, 106, 113
Reference books
Accuracy of indexing coverage information as reported by serials sources (Eldredge), 364–70
Regional medical library network *see* **National Network of Libraries of Medicine**
Reid, Carolyn Anne
Estelle Brodman Award, recipient, 113
Research methods
Information-seeking behavior: a survey of health sciences faculty use of indexes and databases (Curtis), 383–92
Resource sharing
Funding a patient education collection (Coggan), 433–5
Rogers, Frank Bradway, Information Advancement Award
Rankin, Jocelyn C. and Williams, Jean Sayre, recipients, 113
Rosenstein, Philip
Obituary (Basile), 469–70
A remembrance (Meyerhoff), 470
Rural health
Information needs of the rural physician: a descriptive study (Dee), 259–64
Rural GRATEFUL MED outreach: project results, impact, and future needs (Dorsch), 377–82

Salaries and fringe benefits
Elevating the authority of the health information professional (Bastille) [inaugural address], 117–9
Salaries and professional authority: new jurisdictions (Bastille) [president's page], 80–1
Scholarship Awards
Grady, Jenifer Lyn, recipient, 113
Heilemann, Heidi Ann, recipient, 113
Schools, medical
Problem-based learning in American medical education: an overview (Donner), 294–8
Scripps Memorial Hospitals, LaJolla, California
Recent health sciences library building projects (Ludwig), 357–63
Self-evaluation programs
Characteristics of services and educational programs in libraries serving problem-based curricula: a group self-study (Watkins), 306–9
Self Memorial Hospital, Greenwood, South Carolina
Recent health sciences library building projects (Ludwig), 357–63
Semantics
Physicians' use of computer software in answering clinical questions (Osheroff), 11–19
UMLS knowledge for biomedical language processing (McCray), 184–94
The UMLS Metathesaurus: representing different views of biomedical concepts (Schuyler), 217–22
Serials
Accuracy of indexing coverage information as reported by serials sources (Eldredge), 364–70
Biomedical journal title changes: reasons, trends, and impact (Afes), 48–53
Citation patterns in the health sciences: implications for serials/monographic fund allocation (Burdick), 44–7
Incorrect citations: a comparison of library literature with medical literature (Benning), 56–8
Interruption of journal flow (Broering) [editorial], 237
Journal deselection in a medical university library by ranking periodicals based on multiple factors (Deurenberg), 316–9
Journal supplements, libraries, and the FDA (Caelleigh) [editorial], 237–9
Presence of abstracts in non-English journals indexed in MEDLINE, 1981–1990 (Guardiola), 320–2
Still in print (McClure), 325–6
SERLINE
Accuracy of indexing coverage information as reported by serials sources (Eldredge), 364–70
Skills, professional *see* **Professional competence**
Social environment
The health information environment: a view of organizational and professional needs and priorities (Creth), 414–20
A survey of health sciences libraries in hospitals: implications for the 1990s (Wakeley), 123–8
Software
Physicians' use of computer software in answering clinical questions (Osheroff), 11–19

Software reviews
A.D.A.M. (Animated Dissection of Anatomy for Medicine) (Seymour), 88–9
CD-ROMs in print 1992 (Chiang), 250–1
GUS *(Guardian Utilization Statistics)* (Thomas), 250
Health reference center on InfoTrac (McKnight), 460–1
Keyboard Pathology (Arms), 349–50
LectureTek: the complete source for locating CME meetings (Contini), 347
The online journal of current clinical trials (Wood), 89–90
QMR (Quick Medical Reference), version 2.0 (Linton), 347–8
Spanish for medical professionals (Mircheff), 459–60
Special Libraries Association
Human and plant genome projects (Livny, ed.) [biotechnology roundtable papers, Eighty-third Annual Conference], 271–92
Stamps, postage
Cover illustration, January, vii
Standards
Biomedical journal title changes: reasons, trends, and impact (Afes), 48–53
Stavri, Zoe
MLA doctoral fellowship, recipient, 113
Subject headings *see also* **Unified Medical Language System (UMLS)**
Augmenting GRATEFUL MED with the UMLS Metathesaurus: an initial evaluation (Jachna), 20–8
Coach: applying UMLS Knowledge Sources in an expert searcher environment (Kingsland), 178–83
A study of MeSH and UMLS for subject searching in an online catalog (Richwine), 229–33
UMLS knowledge for biomedical language processing (McCray), 184–94
The UMLS Metathesaurus: representing different views of biomedical concepts (Schuyler), 217–22
The UMLS project: making the conceptual connection between users and the information they need (Humphreys), 170–7
Using a network menu and the UMLS Information Sources map to facilitate access to online reference materials (Clyman), 207–16
Survey methods *see* **Data collection**
Surveys *see* **Library surveys; Questionnaires**

Task performance and analysis
Paraprofessional staff: a review and report on current duty assignments in academic health sciences libraries in North America, 135–40
Technicians, library *see* **Library staff, paraprofessional**
Technology
Impact of information technology on the role of health sciences librarians (Braude), 408–13
Telefacsimile
Use of group 3–level memory telefacsimiles for enhanced interlibrary loan, part II: network applications (Bennett), 265–70
Thesauri *see* **Subject headings**
Total quality management (TQM) *see* **Quality assurance, health care**

Unified Medical Language System (UMLS)
Augmenting GRATEFUL MED with the UMLS Metathesaurus: an initial evaluation (Jachna), 20–8
Coach: applying UMLS Knowledge Sources in an expert searcher environment (Kingsland), 178–83
Generic queries for meeting clinical information needs (Cimino), 195–206
Impact of information technology on the role of health sciences librarians (Braude), 408–13
A study of MeSH and UMLS for subject searching in an online catalog (Richwine), 229–33
UMLS knowledge for biomedical language processing (McCray), 184–94

The UMLS Metathesaurus: representing different views of biomedical concepts (Schuyler), 217–22
The UMLS project: making the conceptual connection between users and the information they need (Humphreys), 170–7
The Unified Medical Language System: current research and development (Humphreys, ed.) [symposium], 169–222
Using a network menu and the UMLS Information Sources Map to facilitate access to online reference materials (Clyman), 207–16
United States Department of Agriculture
USDA's Plant Genome Research Program (McCarthy), 278–81
United States Department of Veterans Affairs
The future role of the health sciences library in the Department of Veterans Affairs (Wiesenthal), 123–8
United States Food and Drug Administration
Interruption of journal flow (Broering) [editorial], 237
Journal supplements, libraries, and the FDA (Caelleigh) [editorial], 237–9
USDA *see* **United States Department of Agriculture**
Use studies
Assessing nurses' information needs in the work environment (Blythe), 433–5
Continuous quality improvement in the hospital library (Henry), 437–9
Information-seeking behavior: a survey of health sciences faculty use of indexes and databases (Curtis), 383–92
User-computer interface
Generic queries for meeting clinical information needs (Cimino), 195–206
Physicians' use of computer software in answering clinical questions (Osheroff), 11–19
A study of MeSH and UMLS for subject searching in an online catalog (Richwine), 229–33
The UMLS project: making the conceptual connection between users and the information they need (Humphreys), 170–7
Using a network menu and the UMLS Information Sources Map to facilitate access to online reference materials (Clyman), 207–16
User education *see* **Information management education**

VA Library Network *see* **Libraries, hospital**
Veterans Administration (U.S.) *see* **United States Department of Veterans Affairs**

Walls, Edwina
Murray Gottlieb Prize, recipient, 113
Wannarka, Marjorie B.
MLA Fellowship, recipient, 113
Williams, Jean Sayre
Frank Bradway Rogers Information Advancement Award, recipient, 113

Carolyn G. Weaver, Indexer
Seattle, Washington